



FLORENCE COPPER INC.

1575 W. Hunt Highway, Florence, Arizona 85132 USA

florencecopper.com

April 22, 2019

Mr. David Albright
U.S. Environmental Protection Agency, Region 9
Drinking Water Protection Services, WTR-3-2
75 Hawthorne Street
San Francisco, California 94105-3901

**Re: Mechanical Integrity Demonstrations, PTF Monitoring Wells
Production Test Facility, UIC Permit No. R9UIC-AZ3-FY11-1
Florence Copper, Florence Arizona**

Dear Mr. Albright:

Florence Copper Inc. (Florence Copper) has completed temperature decay logs (temperature logs) at the Production Test Facility (PTF) monitoring wells in support of Part II Mechanical Integrity Demonstration. The tests were completed in accordance with Part II.E.3(a)(ii)(b) and Appendix D of the Underground Injection Control Permit No. R9UIC-AZ3-FY11-1; Conditional Authorization to Commence Injection for the PTF letter dated December 14, 2018; and the Approval of Temperature Logging Procedure for the PTF letter dated January 31, 2019.

Prior to conducting the temperature decay logs all downhole equipment was removed and the well was shut in. Low flow pumping equipment was removed from each monitoring well the day before temperature logging was conducted, with work being completed no later than 7:00 p.m. each day. Temperature logging was started after 8:00 a.m. the following day, ensuring a shut-in time of at least 13 hours at each monitoring well. Shut in times reported on the temperature logs indicate time between runs. Below is a summary of temperature decay logging results.

M55-UBF Temperature Logging

Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 8:30 a.m. and 12:35 p.m. on February 13, 2019. The results of the temperature logging are included in Attachment 1.

M56-LBF Temperature Logging

Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 9:05 a.m. and 1:11 p.m. on February 13, 2019. The results of the temperature logging are included in Attachment 1.

Taseko

M58-O Temperature Logging

Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 9:55 a.m. and 2:25 p.m. on April 1, 2019. The results of the temperature logging are included in Attachment 1.

M59-O Temperature Logging

Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 9:15 a.m. and 1:40 p.m. on February 13, 2019. The results of the temperature logging are included in Attachment 1.

M60-O Temperature Logging

Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 8:35 a.m. and 1:05 p.m. on April 1, 2019. The results of the temperature logging are included in Attachment 1.

M61-LBF Temperature Logging

Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 8:28 a.m. and 12:40 p.m. on April 1, 2019. The results of the temperature logging are included in Attachment 1.

MW-01-LBF Temperature Logging

Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 9:37 a.m. and 1:50 p.m. on February 13, 2019. The results of the temperature logging are included in Attachment 1.

MW-01-O Temperature Logging

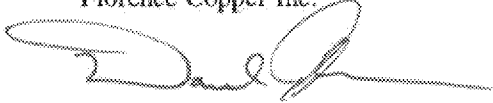
Prior to conducting the temperature decay log all downhole equipment was removed and the well was shut in for a period of more than 12 hours. Temperature logs were run on the well at 10:20 a.m. and 2:40 p.m. on April 1, 2019. The results of the temperature logging are included in Attachment 1.

Summary

The temperature logging results for all monitoring wells show no anomalies that would indicate that there is flow behind the well casing. The temperature logs for each logging event are parallel to each other in the cemented zone and there is little to no differential between the two runs in each logging event.

Please contact me at 520-374-3984 if you require any additional information.

Sincerely,
Florence Copper Inc.



Daniel Johnson
Vice President – General Manager

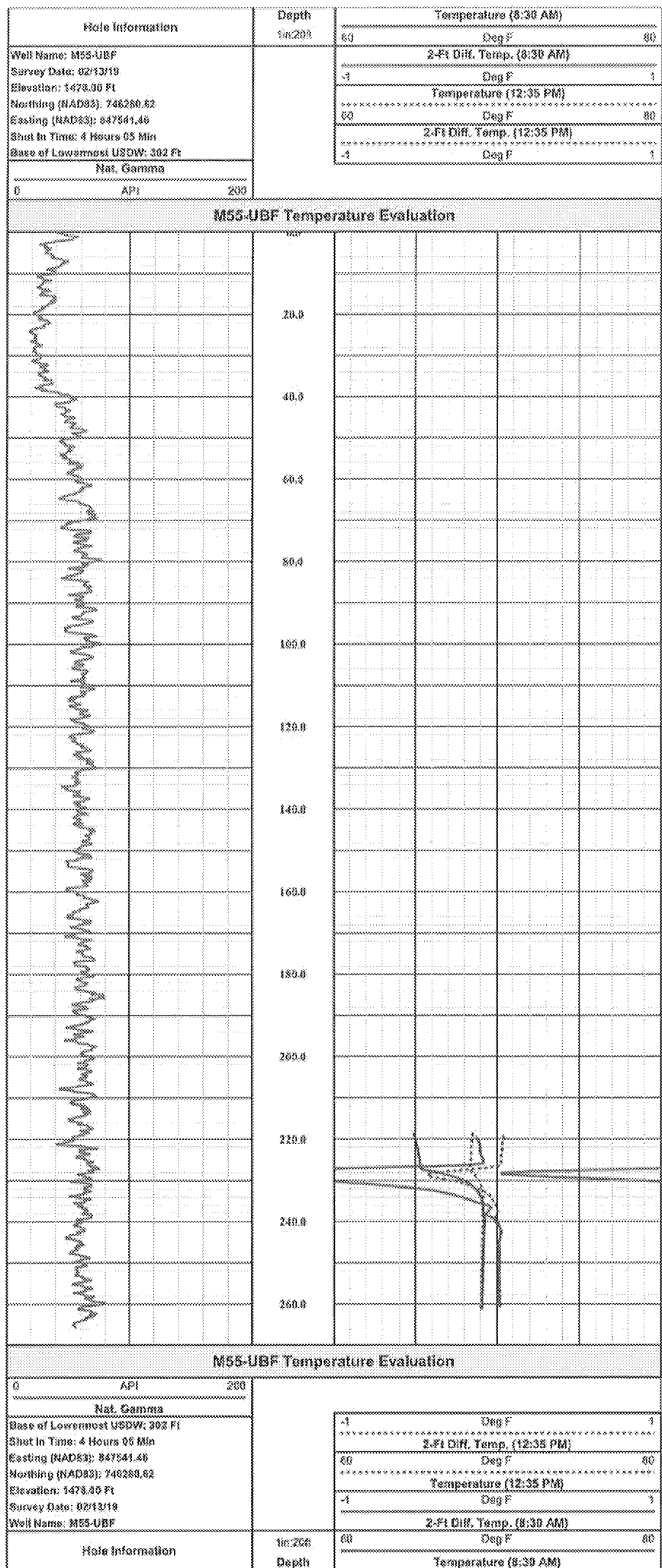
Enclosure:

Attachment 1 – Temperature Logs

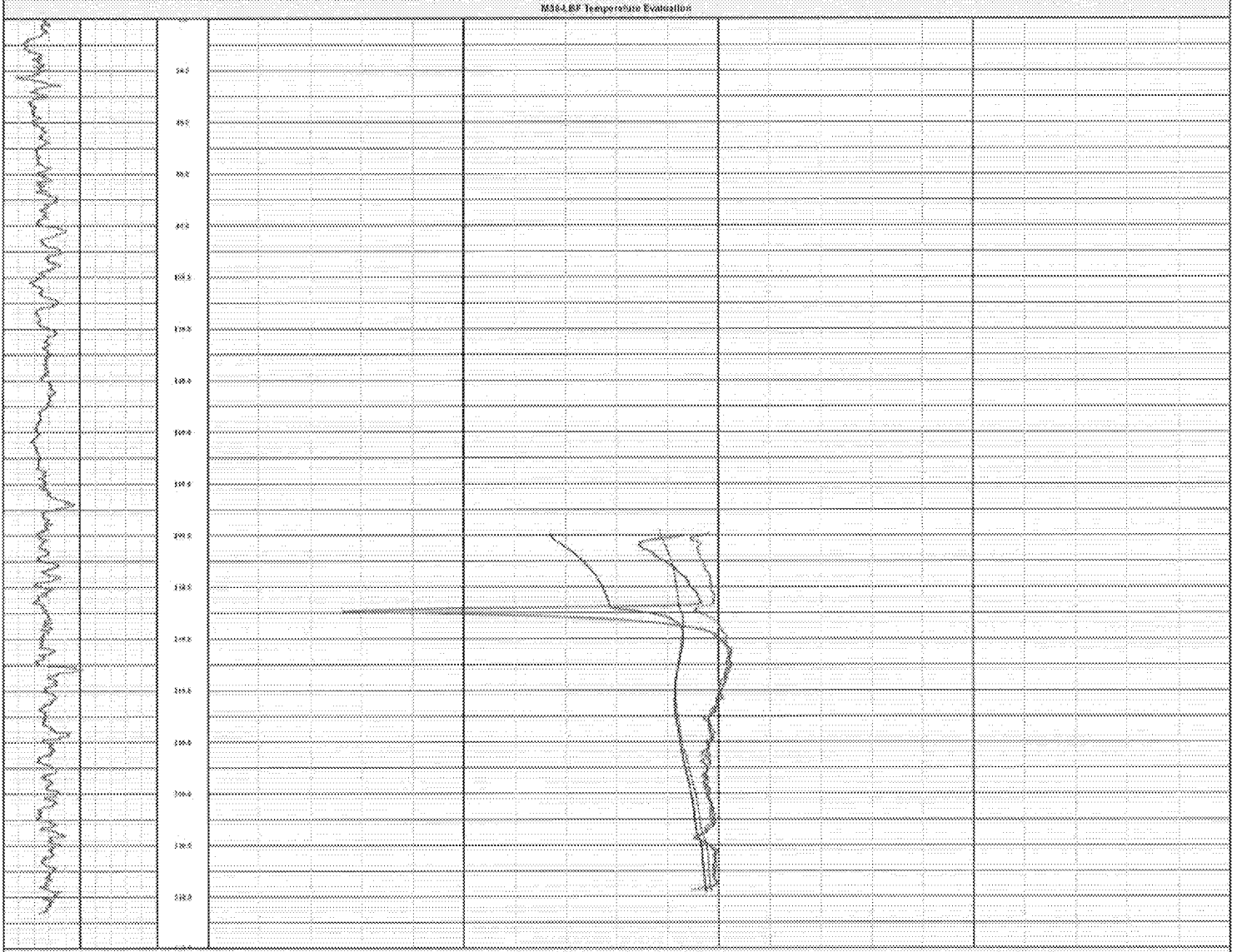
cc: Maribeth Greenslade, ADEQ
Nancy Rumrill, USEPA

ATTACHMENT 1

Temperature Logs



Data Substation		Temperature (°F) AS	
Unit Name: MS6-LBF	01/20/20	Unit F	20
Survey Date: 02/15/20	01/20/20	2/15/20 Temp (°F) AS	20
Observer: 007, 01/20	01/20/20	Unit F	20
Working (000000): 74401/20	01/20/20	Temperature (°F) AS	20
Working (000000): 84500/20	01/20/20	Unit F	20
Unit to Date: 4 Hours to 60	01/20/20	2/15/20 Temp (°F) AS	20
Unit to Date: 4 Hours to 60	01/20/20	Unit F	20
Unit to Date: 4 Hours to 60	01/20/20	2/15/20 Temp (°F) AS	20
Unit to Date: 4 Hours to 60	01/20/20	Unit F	20



MS6-LBF Temperature Evaluation		Temperature (°F) AS	
Unit Name: MS6-LBF	01/20/20	Unit F	20
Survey Date: 02/15/20	01/20/20	2/15/20 Temp (°F) AS	20
Observer: 007, 01/20	01/20/20	Unit F	20
Working (000000): 74401/20	01/20/20	Temperature (°F) AS	20
Working (000000): 84500/20	01/20/20	Unit F	20
Unit to Date: 4 Hours to 60	01/20/20	2/15/20 Temp (°F) AS	20
Unit to Date: 4 Hours to 60	01/20/20	Unit F	20
Unit to Date: 4 Hours to 60	01/20/20	2/15/20 Temp (°F) AS	20
Unit to Date: 4 Hours to 60	01/20/20	Unit F	20

